1/3

```
2   1   QDLENNPKIGLSLLLLPLLLVQAGVWGFPRPPGRPQLSLQELRREFTVS    49
8   1   MGQTAGDLGWRLSLLLLPLLLVQAGVWGFPRPPGRPQLSLQELRREFTVS   50
                    ********************************************

2   50  LHLARKLLSEVRGQAHRFAESHLPGVNLYLLLPLGEQLPDVSLTFQAWRRL   99
8   51  LHLARKLLSEVRGQAHRFAESHLPGVNLYLLLPLGEQLPDVSLTFQAWRRL   100
        **************************************************

2   100 SDPERLCFISTTLQPFHAPLGGLGTQGRWTNMERMQLWAMRLDLRDLQRH   149
8   101 SDPERLCFISTTLQPFHAPLGGLGTQGRWTNMERMQLWAMRLDLRDLQRH   150
        *************************************************

2   150 LRFQVLAAGFNLPEEEEEEEEEERKGLLPGALGSALQGPAQVSWPQL      199
8   151 LRFQVLAAGFNLPEEEEEEEEEERKGLLPGALGSALQGPAQVSWPQL      200
        **********************************************

2   200 LSTYRLLHSLELVLSRAVRELLLLSKAGHSVWPLGFPTLSPQP          242
8   201 LSTYRLLHSLELVLSRAVRELLLLSKAGHSVWPLGFPTLSPQP          243
        *******************************************
```

FIG. 1

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10   1   MGQTAGDLGWRLSLLLLLPLLLVQAGSWGFPTDPLSLQELRREFTVSLYLA   50
4    1              GLSLLLPLLLVQAGSWGFPTDPLSLQELRREFTVSLYLA   40
                    *********************************

10   51  RKLLSEVQGYVHSFAESRLPGVNLDLLPLGYHLPNVSLTFQAWHHLSDSE  100
4    41  RKLLSEVQGYVHSFAESRLPGVNLDLLPLGYHLPNVSLTFQAWHHLSDSE   90
         *************************************************

10   101 RLCFLATTLRPFPAMLGGLGTQGTWTSSEREQLWAMRLDLRDLHRHLRFQ  150
4    91  RLCFLATTLRPFLAMLGGLGTQGTWTNIKRMQQWRLSLVLDVALCVFRSQ  140
         ************ ***********     *   *      *      *

10   151 VLAAGFKCSKEEEDKEEEEEEEEKKLPLGALGGPNQVSSQVSWPQLLY   200
4    141 VLAAGFKCSKEEEDKEEEEEEEEKKLPLGRLGGPNQVSSQVSWPQLLY   190
         *****************************  *****************

10   201 TYQLLHSLELVLSRAVRDLLLLSLPRRPGSAWDS                  234
4    191 TYQLLHSMELVLSRAVRDLLLLSLPRRPGSALEFLTPSFKP           231
         ******* ********************** .
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FIG. 2

human IL-D80 ^{001}MGQTAGDLGWRLSLLLLPLLLVQAGVWGFPRPPGRPQLSLQELRREFTVSLHLARKLLSEVRGQAHRFAESHLPGVNLYL^{080}
mouse IL-D80 ^{001}MGQTAGDLGWRLSLLLLPLLLVQAGSWGFPTDP....LSLQELRREFTVSLYLARKLLSEVQGYVHSFAESRLPGVNLDL^{076}

Helix A

human IL-D80 ^{081}LPLGEQLPDVSLTFQAWRRLSDPERLCFISTTLQPFHAPLGGLGTQGRWTNMERMQLWAMRLDLRDLQRHLRFQVLAAGF^{160}
mouse IL-D80 ^{077}LPLGYHLPNVSLTFQAWHHLSDSERLCFLATTLRPFPAMLGGLGTQGTWTSSEREQLWAMRLDLRDLHRHLRFQVLAAGF^{156}

Helix B   Helix C

human IL-D80 ^{161}NLP.....EEEEEEEEEEEERKGLLPGALGSALQGPAQVSWPQLLSTYRLLHSLELVLSRAVRELLLLSKAGHSVWPLGFPTLSPQP^{243}
mouse IL-D80 ^{157}KCSKEEEDKEEEEEEEEEKK.LPLGALGGPNQVSSQVSWPQLLYTYQLLHSLELVLSRAVRDLLLLSLPRRPGSAWDS^{234}

Helix D

FIG. 3